

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5097 (1969): Dimensions for diamond locating studs [PGD
2: Machine Tool Elements and Holding Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

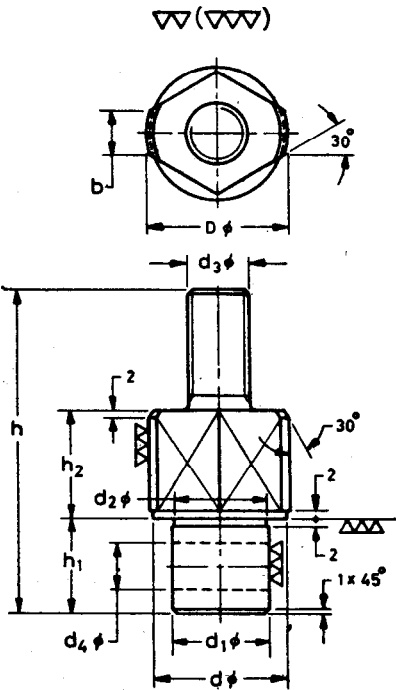
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Indian Standard

DIMENSIONS FOR DIAMOND LOCATING STUDS

1. Scope — Dimensions and requirements for diamond locating studs.
2. Dimensions



All dimensions in millimetres.

D e8	d	d_1 p6	d_2	d_3	d_4 S7	b	h	h_1	h_2
14	13	10	9.5	M6	5	5	40	10	12
20	19	14	13.5	M8	6	8	55	16	18
22	21	16	16.5	M10	8	8	62	18	20
28	27	20	19.5	M12	10	10	70	22	20
36	35	25	24.5	M16	12	12	85	25	28

Note 1 — d_4 S7 to be done on assembly.

Note 2 — $D \times b$ to be hardened, other portions to be left soft.

Note 3 — Dimensional deviation for untoleranced dimensions : Medium class according to IS : 2102-1969.

3. Designation — A diamond locating stud having $D=20$ mm and $d_1=14$ mm shall be designated as:
Diamond Locating Stud 20×14 IS : 5097.
4. Material — Case hardening steel; hardness > 59 HRC and case depth 0.3 to 0.5 mm.
5. Finish — Free from cracks, burrs and other defects.

Machine Tools Sectional Committee, EDC II; Subcommittee for Jigs, Fixtures and Tooling Elements, EDC II:9 [Ref : Doc : EDC II (1661)]

Reprography Unit, BIS, New Delhi, India